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# Owner's Manual Addendum

## PowerVerter® Hardwired Electrical Connections & Dip Switch Settings *Power Inverters (120V, 60 Hz)*



**IMPORTANT SAFETY INSTRUCTIONS.** This addendum and the accompanying manual contain information concerning the proper installation of Tripp Lite equipment. **SAVE THESE INSTRUCTIONS.**

Your PowerVerter is identical to the Inverter/Charger described in the accompanying owner's manual with the two exceptions (Hardwire Connection and Dip Switch Settings) described here.

## Hardwire AC Connection



**Warning! Consult a qualified electrician and follow all applicable electrical codes and requirements for hardwire connection. Disconnect DC input and AC utility supply before attempting hardwiring.**

### Connection for Models with Hardwire Terminals

Remove the screws and cover plate over the hardwire terminal box. Remove the knockout covers closest to the desired electrical source and to your equipment. Attach 1/2" diameter conduits (user-supplied) to the knockouts and thread wires through. Connect the conduits to each other with the ground bond connection supplied.

#### Ground

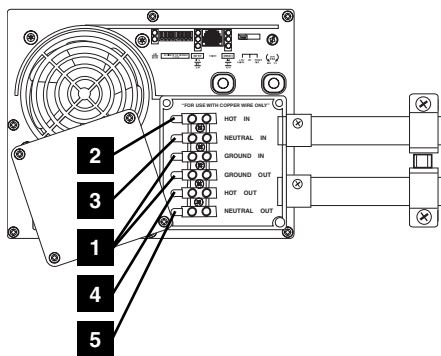
- Connect the incoming and outgoing ground wires to the GROUND (green) terminal. **1**

#### AC Input

- Connect the incoming hot wire to the input hot (brown) terminal. **2**
- Connect the incoming neutral wire to the input neutral (blue) terminal. **3**

#### AC Output

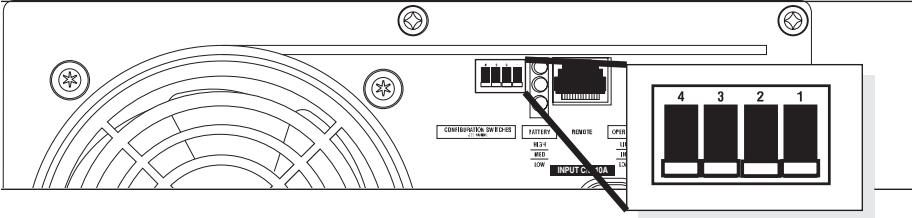
- Connect the outgoing hot wire to the output hot (black) terminal. **4**
- Connect the outgoing neutral wire to the output neutral (white) terminal. **5**



*Tighten and affix strain relief. Replace cover plate and tighten screws.*

# Dip Switch Settings

The Dip Switch settings described below *replace* the Dip Switch settings described in the accompanying owner's manual.

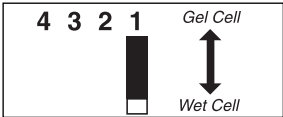


Using a small tool, configure your Inverter/Charger by setting the four DIP Switches (located on the front panel of your unit; see diagram) as follows:

## Select Battery Type—REQUIRED (DIP Switch #1)

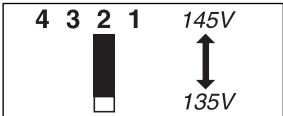
**CAUTION:** The Battery Type DIP Switch setting must match the type of batteries you connect, or your batteries may be degraded or damaged over an extended period of time.

Battery Type	Switch Position
Gel Cell (Sealed) Battery	Up
Wet Cell (Vented) Battery	Down (factory setting)



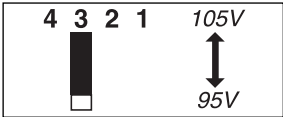
## Select High AC Input Voltage Point for Switching to Battery—OPTIONAL (DIP Switch #2)

Voltage	Switch Position
145V	Up
135V	Down (factory setting)



## Select Low AC Input Voltage Point for Switching to Battery—OPTIONAL (DIP Switch #3)

Voltage	Switch Position
105V	Up
95V	Down (factory setting)



## Set Battery Charging Amps—OPTIONAL (DIP Switch #4)

By setting on high charging, your batteries will charge at maximum speed. When setting on low charging, you lengthen the life of your batteries (especially smaller ones).

Battery Charger	Switch Position
High Charge Amp	Up
Low Charge Amp	Down (factory setting)

